

cc



ecology and environment, inc.

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International Specialists in the Environmental Sciences

DATE: March 17, 1983
TO: File/USEPA Region V
FROM: Scott McCone
SUBJECT: Preliminary Assessment

Indiana/TDD#R5-8212-02A, PAG# 0111
East Chicago/Mobil Oil Corporation
IND042329631

US EPA RECORDS CENTER REGION 5



540979

Pending

Attached is EPA's Preliminary Assessment Form 2070-12 for the above referenced site.

Primary information was gathered from the following source(s):

1. Indiana State Board of Health files
- 2.
- 3.

Information indicates the following responsible parties should be listed. They are listed here because of space limitations:

- 1.
- 2.
- 3.

Presently, data gaps or no verification exists in the following key area(s):

- 1.
- 2.
- 3.

A review of the available data indicates that additional information will be necessary to assess the impact(s) on:

1. Groundwater
- 2.
- 3.
- 4.
- 5.

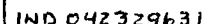
Suggested methods/sources for obtaining additional information are:

1. Groundwater monitoring
- 2.
- 3.

Notice of an apparent need for emergency action was transmitted to N/A on N/A by N/A.

DM

<div style="margin-top: 10px;"> POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT </div>		I. IDENTIFICATION	
		01 STATE IN	02 SITE NUMBER IND 042329631
II. SITE NAME AND LOCATION			
01 SITE NAME (Legal, common, or descriptive name of site) MOBIL OIL CORPORATION, EAST CHICAGO TERM.		02 STREET ROUTE NO. OR SPECIFIC LOCATION IDENTIFIER 3821 INDIANAPOLIS BLVD	
03 CITY EAST CHICAGO	04 STATE IN	05 ZIP CODE 46312	06 COUNTY LAKE
09 COORDINATES LATITUDE: 41° 38' 42.0" N LONGITUDE: 087° 28' 50.0" W		WHITING TOPO MAP	
10 DIRECTIONS TO SITE (Starting from nearest public road) SOUTH ON U.S. ROUTE 12/20 5.5 MILES FROM THE INTERSTATE I 90 TO THE LAKE GEORGE CANAL. FACILITY IS ON THE SOUTH SIDE OF THE CANAL.			
III. RESPONSIBLE PARTIES			
01 OWNER (If known) MOBIL OIL CORPORATION		02 STREET (Business, mailing, residential) 150 EAST 42ND STREET	
03 CITY NEW YORK	04 STATE NY	05 ZIP CODE 10017	06 TELEPHONE NUMBER (212) 883-4242
07 OPERATOR (If known and different from owner) MOBIL OIL CORPORATION		08 STREET (Business mailing residential) 3821 INDIANAPOLIS BLVD	
09 CITY EAST CHICAGO	10 STATE IN	11 ZIP CODE 46312	12 TELEPHONE NUMBER (219) 397-1950
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A PRIVATE <input type="checkbox"/> B FEDERAL <input type="checkbox"/> C STATE <input type="checkbox"/> D COUNTY <input type="checkbox"/> E MUNICIPAL <input type="checkbox"/> F OTHER _____ (Specify) <input type="checkbox"/> G UNKNOWN			
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input checked="" type="checkbox"/> A RCRA 3001 DATE RECEIVED 8 / 18 / 80 <input checked="" type="checkbox"/> B UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED 6 / 8 / 81 <input type="checkbox"/> C NONE			
IV. CHARACTERIZATION OF POTENTIAL HAZARD			
01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 6 / 25 / 82 <input type="checkbox"/> NO BY (Check all that apply) <input type="checkbox"/> A EPA <input checked="" type="checkbox"/> B EPA CONTRACTOR <input checked="" type="checkbox"/> C STATE <input type="checkbox"/> D OTHER CONTRACTOR <input type="checkbox"/> E LOCAL HEALTH OFFICIAL <input checked="" type="checkbox"/> F OTHER U.S. COAST GUARD (Specify) CONTRACTOR NAME(S) ECOLOGY & ENVIRONMENT, INC.			
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A ACTIVE <input type="checkbox"/> B INACTIVE <input type="checkbox"/> C UNKNOWN		03 YEARS OF OPERATION UNK PRESENT BEGINNING YEAR ENDING YEAR	
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED OILY WASTES (TOXIC/IGNITABLE), HEAVY METALS (TOXIC/PERSISTANT)			
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION GROUNDWATER (ENVIRONMENT), SURFACE WATER (ENVIRONMENT), SEWAGE TREATMENT PLANT (ENVIRONMENT)			
V. PRIORITY ASSESSMENT			
01 PRIORITY FOR INSPECTION (Check one If high or medium is checked, complete Part 2 - Waste Information and Part 3 Description of Hazardous Conditions and Incidents) <input type="checkbox"/> A HIGH (Inspection required promptly) <input type="checkbox"/> B MEDIUM (Inspection required) <input type="checkbox"/> C LOW (Inspect on time available basis) <input type="checkbox"/> D NONE (No further action needed complete current disposition form)			
VI. INFORMATION AVAILABLE FROM			
01 CONTACT DAVID W. BERREY		02 OF (Agency/Organization) INDIANA STATE BOARD OF HEALTH	
04 PERSON RESPONSIBLE FOR ASSESSMENT		05 AGENCY	06 ORGANIZATION
		07 TELEPHONE NUMBER ()	08 DATE / / MONTH DAY YEAR



<input checked="" type="checkbox"/> A TOXIC	<input type="checkbox"/> E SOLUBLE	<input checked="" type="checkbox"/> I HIGHLY VOLATILE
<input type="checkbox"/> B CORROSIVE	<input type="checkbox"/> F INFECTIOUS	<input type="checkbox"/> J EXPLOSIVE
<input type="checkbox"/> C RADIOACTIVE	<input checked="" type="checkbox"/> G FLAMMABLE	<input type="checkbox"/> K REACTIVE
<input checked="" type="checkbox"/> D PERSISTENT	<input checked="" type="checkbox"/> H IGNITABLE	<input type="checkbox"/> L INCOMPATIBLE
		<input type="checkbox"/> M NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
IN IN0042329631

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED 200 04 NARRATIVE DESCRIPTION

DUE TO THE AGE OF THE FACILITY, THE POTENTIAL FOR GROUNDWATER CONTAMINATION BY OIL PRODUCTS IS POSSIBLE. ALL FLOW OF GROUNDWATER GOES TO THE LAKE GEORGE CANAL.

01 ☒ B SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED 12,000 04 NARRATIVE DESCRIPTION

ANY SPILLED MATERIAL SHOULD BE CONTAINED INSIDE THE DIKES AROUND THE STORAGE TANKS. ANY MATERIAL SPILLED OUTSIDE THE DIKES WOULD ENTER THE LAKE GEORGE CANAL, A TRIBUTARY TO LAKE MICHIGAN.

01 ☐ C CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ D FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ E DIRECT CONTACT 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ F CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED _____ (Acres) 04 NARRATIVE DESCRIPTION

01 ☐ G DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ H WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION

01 ☐ I POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IN	IND 042329631

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ M UNSTABLE CONTAINMENT OF WASTES
(Spills/runoff/standing liquids/leaking drums)
03 POPULATION POTENTIALLY AFFECTED _____

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION:

Spills outside of diked areas may impact surface water Lake George

01 ☐ N DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

WASTE WATER IS DISCHARGED INTO THE EAST CHICAGO STP.

01 ☐ P ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

ALL SLOP OIL IS HAULED TO THE MOBIL OIL CORP JOLIET FACILITY.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 12,000

IV. COMMENTS

IN JULY OF 1974, THE MOBIL OIL CORP DISCONTINUED PROCESS OPERATIONS AT THEIR EAST CHICAGO REFINERY. SINCE THAT TIME IT HAS BEEN USED FOR BULK LIQUID STORAGE OF FINISHED PETROLEUM PRODUCTS SUCH AS GASOLINE (ALL GRADES), KEROSENE, #2 FUEL OIL, AND #4 FUEL OIL. PRODUCTS ARRIVE AT THE FACILITY BY PIPE LINE. FACILITY IS IN COMPLIANCE WITH SPC REGULATIONS.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis reports)

US EPA FILES AVAILABLE IN CHICAGO
INDIANA SBH FILES AVAILABLE FROM DAVE BERRY.